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Title:
Perfect score:
Sequence:
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Maximum
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No.
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Maximum Match 100%
Listing first 45 summaries
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     DB seq
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    No. is the number of results predicted by chance to have a
re greater than or equal to the score of the result being printed,
is derived by analysis of the total score distribution.

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length: 2000000000
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   US-09-331-631A-21_COPY_32_91
343
1 TENPCAQRCLQSCQQEPDDL.....
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Gapop 10.0 ,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TENPCAQRCLQSCQQEPDDL.....
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/cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/ECTUS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/backfiles1.pep:*
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             US-07-955-905A-24
US-08-136-922-2
US-08-131-713D-54
US-08-835-268-54
US-08-99-811-4
US-08-99-9811-4
US-08-99-9811-2
US-09-042-105-4
US-09-042-105-2
US-09-042-105-2
US-09-042-105-18
US-08-991-408-4
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US-08-91-408-4
US-08-91-408-4
US-08-91-408-4
US-08-91-408-4
US-08-886-650-5
US-09-021-287-5
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US-09-021-287-5
US-09-188-930-186
US-08-884-1072-1
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Compugen Ltd
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7.690 Million cell updates/sec
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             Sequence 24, Appli Sequence 54, Appli Sequence 64, Appli Sequence 2, Appli Sequence 2, Appli Sequence 18, Appli Sequence 18, Appli Sequence 18, Appli Sequence 3, Appli Sequence 23, Appli Sequence 33, Appli Sequence 34, Appli Sequ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Description
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RESULT 2
US-08-136-922-2
; Sequence 2, Application US/08136922
; Patent No. 5416197
; GENERAL INFORMATION:
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Query M Best Lo Matches , 2 , 31	RESULT 1 US-07-955-1 US-07-955-2 Sequence Fatent NA GENERAL INFORMADE INFORMAN INFOR	30 30 30 30 30 30 30 30 30 30 30 30 30 3
/ Match 27.1%; Score 93; DB 1; Local Similarity 31.4%; Pred. No. 0.0013; nes 22; Conservative 8; Mismatches 1 2 ENPCAGRCLQSCQOEPDDLKQKAGESRCTKLEYD	1 5-905A-24 cce 24, Application US/0795590: NO. 5770433 AL INFORMATION: LE OF INVENTION: RECOMBINANT LE OF INVENTION: PRECURSOR BER OF SEQUENCES: 28 FUTTER READABLE FORM: EDJUM TYPE: Floppy disk OMPUTER: IBM PC COMPATIBLE OFTWARE: Patentin Release #1 OFTWARE: Patentin Release #1 OFTWARE: Patentin Release #1 IRENT APPLICATION DATA: PPLICATION: 435 ILANSIFICATION: 435 MATION FOR SEQ ID NO: 24: UENCE CHARACTERISTICS: ENGTH: 605 amino acids YPE: amino acid OPOLOGY: linear ECULE TYPE: Protein GINAL SOURCE: RGANISM: Glycine max TURE: RGANISM: Glycine max THER INFORMATION: /note= "vic 5-905A-24"	56 16.3 77 2 US-08-56 16.3 77 3 US-09-56 16.3 77 3
Len 6; 	S905A ANT 47 AND 31 kD COCOA PROTEINS R S-DOS #1.0, Version #1.25 (EPO) 955,905A	08-465-380-40 08-486-397-40 08-486-397-40 08-486-399-40 08-486-399-40 08-461-965-4 08-461-965-4 08-461-965-4 08-461-965-4 09-249-471-4 09-249-471-4 09-249-472-4 09-249-472-4 09-249-472-4 09-249-473-4 09-249-473-4 09-249-473-4 09-249-473-4 09-249-473-4 09-249-473-4 09-249-473-4 09-249-473-4 09-249-473-4 09-249-473-4
gth 605; Indels 24; Gaps 3 PRCVYDTGATNQRHP 50 PRPQHP 83	ROTEINS AND	Sequence 40, Appli Sequence 4, Appli Sequence 4, Appli Sequence 40, Appli

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TYPE: amino acid;
; TOPOLOGY: linear;
; MOLECULE TYPE: protein
US-08-136-922-2
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Best Local Similarity
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             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Re-lease #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP
STREET: 268 Bush Street, Suite 3200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: 215-568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: DeLuca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: UPN-1428
                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 477 amino acid
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATING SYSTEM: PC-DOS/MS-DOS
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TITLE OF INVENTION: Re
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
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                                                                                                                                             STATE: C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     278 AQLPLHRC-----DIYGKACAECC--LARDPYCAWDGSACSRYFPTAKRRTRRQ 324
                                                                                                                                                                                 CITY: San Francisco
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: One Liberty CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & ADDRESSEE: No. 5416197ris STREET: One Liberty Place
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
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                                                                                                                                             USA
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Bentley, David R.
O'COnnor, Timothy
IVENTION: The Semaphorin Gene Family
                                                                                                                                                                                                                                                                                                                                                  Goodman, Corey S.
Kolodkin, Alex L.
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US/08/121,713D
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Pred. No. 1.6;
5; Mismatches
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Best Local Similarity
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                                                                                        INFORMATION FOR SEQ ID NO:
                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: OSMAD, RICHARD A.
REGISTRATION NUMBER: 36.627
REFERENCE/DOCKET NUMBER: B94-002-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)343-4341
                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 771 amino acids
                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/0
FILING DATE: 13-SEP-1993
                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOETWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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LENGTH: 771 amino acids
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)343-4341
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NAME: Osman, Richard A.
REGISTRATION NUMBER: 36,
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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OLECULE TYPE:
                LENGTH: 7/1 --
LENGTH: 7/1 --
Tipe: amino acid
Tipear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 200 L. CITY: San Francisco
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CLASSIFICATION:
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WENTION: The Semaphorin Gene Family
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Bentley, David R.
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Kolodkin, Alex L.
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; Pred. No. 2.8;
5; Mismatches
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Sequence 54, Application US/08833391 Patent No. 6013781
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Best Local 9
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Best Local Similarity
Matches 19; Conserv
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APPLICATION NUMBER: US/08/121,713
FILING DATE: 13-SEP-1993
ATTORNEY/AGENT INFORMATION:
NAME: Osman, Richard A.
REGISTRATION NUMBER: 36,627
REFERENCE/DOCKET NUMBER: B94-002-1
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 771 amino acids
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 100
CORRESPONDENCE ADDRESS: SCIENCE & TECHNOLOGY LAW GROUP
STREET: 268 Bush Street, Suite 3200
                                                                                                                                                                                                                                                                              MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: O'Connor, Timothy TITLE OF INVENTION: The Semaphorin Gene Family
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                                                         510 AQLPLHRC-----DIYGKACAECC--LARDPYCAWDGSACSRYFPTAKRRTRRQ 556
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                                                                                                                                                                                                                                                                                                                LENGTH:
TYPE: a
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                                                                                                                                                                            Local Similarity
nes 19; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (415) 343-4342
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
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                                                                                                                                        6 AQRCLQSCQQEPDDLKQKACESRCTKLEYDPRCVYDTGATNQRHPPGERTRGRQ 59
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                                                                                                                                                                                                                                                                                             amino acid
GY: linear
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Bentley, David R.
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Kolodkin, Alex L.
                                                                                                                                                                            Conservative
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35.2%;
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                                                                                                                                                                          Score 66.5; DB Pred. No. 2.8; 5; Mismatches
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Pred. No. 2.8;
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PCT-US94-10151A-54
; Sequence 54, Application PC/TUS9410151A
; GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 771 amino acids
TYPE: amino acid
TOPOLOGY: linear
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REGISTRATION NUMBER: 36,627
REFERENCE/DOCKET NUMBER: B9
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)343-4341
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CLASSIFICATION: 530
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/121,713
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ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP
STREET: 268 Bush Street, Suite 3200
                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                    APPLICANT: The Regents of the University of California TITLE OF INVENTION: The Semaphorin Gene Family
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FILING DATE: 13-SEP-1993
ATTORNEY/AGENT INFORMATION:
NAME: Osman, Richard A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Bentley APPLICANT: O'Conno TITLE OF INVENTION:
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                                                                                                                                                                 ADDRESSEE: FLEHR HOHBACH TEST ALBRITTON & HERBERT STREET: 4 Embarcadero Center, Suite 3400 CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 268 Bush St.
CITY: San Francisco
STATE: CA
                                     COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                   COUNTRY:
                                                                                                                                                         STATE:
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                                                                                                                   94111-4187
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WENTION: The Semaphorin Gene Family
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Pred. No. 2.8;
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                     Version #1.25
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APPLICATION NUMBER: PCT/US94/10151A FILING DATE: 13-SEP-1994

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Best Local Similarity 35.2
Matches 19; Conservative
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TELEX: 910 277299 FHT UR
INFORMATION FOR SEQ ID NO: 54:
                                                                     TELEFAX: (202)371-2540 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                         REGISTRATION NUMBER: 36,351
REFERENCE/FOCKET NUMBER: 14
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)371-2600
                                                                                                                                                                                                   APPLICATION NUMBER: US 08/465,968 FILING DATE: 06-JUN-1995 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 8-MAR-1994
PRIOR APPLICATION DATA:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: HU, JING-SI
APPLICANT: ROSEN, CRAI
APPLICANT: CAO, LIANG
TITLE OF INVENTION: VA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS: LENGTH: 771 amino acids
                                                   SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 1100 NEW CITY: WASHINGTON
TOPOLOGY:
                                                                                                                                                                                    NAME: MARKOWICZ, KAREN R.
                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: FILING DATE: HEREWI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
                                LENGTH:
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GY: linear
amino acid
3Y: linear
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                                  350 amino acids
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                                                                                                                                                                                                                                                                                             us 08/207,550
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BER: FP-58750-PC/RAO
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RESULT 10
US-09-042-105-4
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CORRENT FILING DATE: 1997-03-27
EARLIER APPLICATION NUMBER: 08/207,550
EARLIER FILING DATE: 1994-03-08
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID O 2
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Best Local Similarity 36.7%;
Matches 18; Conservative
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APPLICANT: Rosen, Craig A.
APPLICANT: Cao, Liang
APPLICANT: Cao, Liang
TITLE OF INVENTION: Polynucelotides Encoding Vascular Endothelial Growth
TITLE OF INVENTION: Factor 2
FILE REFERENCE: PF112D1
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                  SOFTWARE: Patentin Rel
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: HEREWITH
                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 350
                                                                                                                                                                                                                                                                                                                     APPLICANT: CAO, LIANG
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR 2
NUMBER OF SEQUENCES: 35
                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  11:1 1:11
294 TESP--QKCLLKGKKFHHQTCSCYRRPCTNRQKACEPGFSYSEEVCRCV 340
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         294 TESP--QKCLLKGKKFHHQTCSCYRRPCTNRQKACEPGFSYSEEVCRCV 340
                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                         STREET:
CLASSIFICATION:
                                                                                                                                                                             COUNTRY: US
ZIP: 20005
                                                                                                                                                                                                                      STATE: DC
                                                                                                                                                                                                                                       CITY: WASHINGTON
                                                                                                                                                                                                                                                            ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX STREET: 1100 NEW YORK AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 TENPCAORCLO-----SCOOEPDDLKOKACESRCTKLEYDPRCV 39
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                                                                                                                                                                                                  USA
                                                                                                                                                                                                                                                                                                                                                                         HU, JING-SHAN
ROSEN, CRAIG A.
                                                                            Patentin Release #1.0, Version #1.30
                                     US/09/042,105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; Score 60; DB 2; Pred. No. 7.1; 5; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 60; DB 2; Length 350; Pred. No. 7.1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           14; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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PRIOR APPLICATION DATA:

CLASSIFICATION:

APPLICATION NUMBER: FILING DATE: 8-MAR

NUMBER: US 08/207,550 8-MAR-1994

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US-08-999-811-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 2, Application US/08999811 Patent No. 5932540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity
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                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/207,550
FILING DATE: 8-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/465,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: MARKOWICZ, KAREN R.
REGISTRATION NUMBER: 36,351
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 4:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                  CURRENT APPLICATION DATA: APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: HU, JING-SHAN
APPLICANT: ROSEN, CRAIG A.
APPLICANT: CAO, LIANG
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR
NUMBER OF SEQUENCES: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: protein
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NAME: ERIC K. STEFFE
REGISTRATION NUMBER: 36,688
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               294 TESP--OKCLLKGKKFHHOTCSCYRRPCTNROKACEPGFSYSEEVCRCV 340
                                                                                                                                                                                              FILING DATE: H
                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                 ZIP:
             REGISTRATION NUMBER: 36,351
REFERENCE/DOCKET NUMBER: 1488.1000004
                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE:
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                                                                                                                                                                                                                                                                                                                                                                 20005
                                                                                                                                                                                                                                                                                                                                                                                                                    WASHINGTON
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                                                                                                                                                                                                                   HEREWITH
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; MOLECULE TYPE: US-09-042-105-2
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Patent No. 6040157
Patent INFORMATION:
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Best Local Similarity 36.7
Matches 18; Conservative
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TELEFAX: (202)371-2540
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
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APPLICANT: I
APPLICANT: (
                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: ERIC K. STEFFE
REGISTRATION NUMBER: 36,
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PRIOR APPLICATION DATA:
TO BE ASSIGNED
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, KESSLER, CONTROL OF THE CONTROL OF THE
                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 0 CLASSIFICATION:
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                                                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 2
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 0 FILING DATE: 06-JUN-1995
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                           LENGTH:
                                                                                                                                                                                                                                                                     TELEPHONE:
                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: WASHINGTON
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                                                                                        amino acid
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                                                                                                                                                                                                                                     :: (202)371-2600
(202)371-2540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CAO,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ROSEN, CRAIG A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
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36.7%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Version #1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 2; Length 419;
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Db
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Best Local S
Matches 18
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Best Local
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                                                                                                                                                                                                                                                                              NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
CTASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: ERIC K. STEFFE
NAME: ERIC K. STEFFE
14/6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: ROSEN, CRAIG A.
APPLICANT: CAO, LIANG
APPLICANT: CAO, LIANG
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR
NUMBER OF SEQUENCES: 35
                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 419 amino acids
                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: (202)371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/207,550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
363 TESP--QKCLLKGKKFHHQTCSCYRRPCTNRQKACEPGFSYSEEVCRCV 409
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                                                                                                                                                                                           STRANDEDNESS:
TOPOLOGY: li
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US FILING DATE: 8-MAR-1994 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity hes 18; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: TO BE ASSIGNED FILING DATE: 24-DEC-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 08/465,968 FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 1100 NEW CITY: WASHINGTON STATE: DC
                                                                                     Local
                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: UPFILING DATE: HEREWITH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: US
ZIP: 20005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX STREET: 1100 NEW YORK AVENUE
                                1 TENPCAQRCLQ------SCQQEPDDLKQKACESRCTKLEYDPRCV 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 TENPCAQRCLQ------SCQQEPDDLKQKACESRCTKLEYDPRCV 39
                                                                                     Similarity
                                                                                                                                                                                                                             amino acid
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                                                                   Conservative
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36.7%;
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36.7%;
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                                                                                 Score 60; DB 3; Length 419; Pred. No. 8.7;
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                                                                   Mismatches
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                                                 Query Match
Best Local Similarity 36.7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Alitalo,
APPLICANT: Joukov,
                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS LENGTH: 419 amino aci
                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 12-JAN-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/510,133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 14-FEB-PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PAPULICATION NUMBER: 08/671,5/3
FILING DATE: 28-JUN-1996
PRIOR APPLICATION DATA:
PRIOR APPLICATION MIMBER: 08/601,132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/F
FILING DATE: 01-AUG-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Gass, David A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
363 TESP--OKCLLKGKKFHHOTCSCYRRPCTNROKACEPGFSYSEEVCRCV 409
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                  TELEPHONE: 312/474-0448
                                                                                                                                                                                    TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 08/60 FILING DATE: 14-FEB-1996
                                                                                                                                                                                                                                                                                                                         NAME: Gass, David A REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
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                                 1 TENPCAQRCLQ--
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                                                                                                                                                                                  amino acid
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                                                                                                                                                                                                  419 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Joukov, Vladimir
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                                                                                                                                                                                                                                                                                                                                       David A.
                                                                                                                                                      protein
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                                                                           17.5%;
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Protein and Gene, Mutants Thereof, ar
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                              SCQQEPDDLKQKACESRCTKLEYDPRCV 39
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                                                                           Score 60; D
Pred. No. 8.
                                                               Mismatches
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South Wacker Drive
                                                                                          DB 3;
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                                                                                        Length 419
                                                             Indels
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RESULT 15 PCT-US96-09001-2

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FILING DATE:
CLASSIFICANTION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/465,968
FILING DATE: 6 JUN 95
APPLICATION NUMBER: 08/207,550
FILING DATE: 8 MAR 1994
ATTORNEY/AGENT INFORMATION:
NAME: FERRARO, GREGORY D.
REGISTRATION NUMBER: 36,134
REFERENCE/DOCKET NUMBER: 325800-288
TELECOMMUNICATION INFORMATION: 201-994-1700
TELEPHONE: 201-994-1700
TELEPHONE: 201-994-1704
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 419 AMINO ACIDS
TYPE: AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS:
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
PCT-US96-09001-2
Search completed: March 1, 2001, 15:49:54 Job time: 399 sec
                                                                                                    В
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                                                                                                                                                                                    Query Match 17.5%;
Best Local Similarity 36.7%;
Matches 18; Conservative
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TITLE OF INVENTION: Human Vascular
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSE: CARELLA, BYRNE, BAIN, GILFILLAN,
ADDRESSEE: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: 115A
                                                                                                  363 TESP--QKCLLKGKKFHHQTCSCYRRPCTNRQKACEPGFSYSEEVCRCV 409
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US96/09001 FILING DATE:
                                                                                                                          1 TENPCAQRCLQ------SCQQEPDDLKQKACESRCTKLEYDPRCV 39
                                                                                                                                                                                    5; Mismatches
                                                                                                                                                                                                     Score 60; DB 4; Length 419; Pred. No. 8.7;
                                                                                                                                                                                 14; Indels
                                                                                                                                                                                 12;
                                                                                                                                                                                 Gaps
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